

# Save Protect & Feel the Difference



## ADVANTAGES OF SOFT WATER

- ◆ Radiant spot-free dishes
- ◆ Easier cleanup
- ◆ Cleaner fresher laundry
- ◆ Softer skin & manageable hair
- ◆ Save up to 50% on soap and cleaning products
- ◆ Better looking faucets and fixtures with no scale buildup
- ◆ Extend the life of your appliances
- ◆ Improved energy efficiency



## How it works

Aquatek water-softening systems remove calcium and magnesium ions from hard water by replacing them with sodium ions through a process called *Ion Exchange*. Calcium and magnesium, the two key culprits of hard water, are both positively charged molecules. As the hard water pumps through the softening system, it passes through a bed of negatively charged resin beads the opposites attract. The mineral deposits cling to the resin and the now-softened water exits the softener tank and flows throughout the house.

## Benefits

Calcium and magnesium ions interfere with household soaps and detergents, but sodium does not. The water-softening process thus helps detergents to more effectively remove dirt and oils from clothing and dishes. It also helps soaps to give a "slippery" & soft feel to your skin when you wash. Ultimately reducing your soap & detergent usage by up to 50%! Additionally saving you even more money by improving hot water heater efficiency and greatly extending the life of your household appliances.

**ATCWS SERIES**  
Cabinet  
Softeners



**ATWS SERIES**  
Two Tank  
Softeners



## FEATURES

- ◆ Full port metered electronic control valve saves up to 50% salt & water usage
- ◆ Protects plumbing fixtures & appliances from hard water damage
- ◆ Tracks daily usage and automatically adjusts to match demand
- ◆ Eliminates water spots and lime scale build up
- ◆ Leaves your skin and hair softer and more manageable

QUESTIONS  
ABOUT SODIUM?



### Operating Parameters

Water Pressure Range	40 - 100 psi
Maximum Hardness	50 Grains Per Gallon
Maximum Iron	2 ppm - Clear

## SYSTEM SPECIFICATIONS:

Model Number	Grain Capacity	Flow Rate @ 15 psid	Pipe Size	Electrical	Salt Storage / Usage (lbs)	Brine Tank Size (in)	Mineral Tank Size (in)	Total System Size (in)
<b>ATWS100-ME</b>	30,000	12	1" NPT Elbow	120v. 60Hz	200 / 10	16 x 33	9 x 48	27 x 27 x 55
<b>ATWS150-ME</b>	45,000	15	1" NPT Elbow	120v. 60Hz	200 / 15	16 x 33	10 x 54	29 x 29 x 65
<b>ATWS200-ME</b>	60,000	17	1" NPT Elbow	120v. 60Hz	200 / 20	16 x 33	12 x 52	30 x 30 x 65
<b>ATWS300-ME</b>	90,000	21	1.25" NPT	120v. 60Hz	250 / 30	18 x 33	14 x 65	32 x 32 x 80
<b>ATCWS100-ME*</b>	30,000	12	1" NPT Elbow	120v. 60Hz	200 / 6	n/a	n/a	13.5 x 22.5 x 50
<b>ATCWS150-ME*</b>	45,000	15	1" NPT Elbow	120v. 60Hz	200 / 9	n/a	n/a	13.5 x 22.5 x 50

\*Cabinet Models